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# EUROPEAN SEARCH REPORT

Application Number  
EP 96 12 0778

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	EP 0 554 172 A (FUJITSU LTD) 4 August 1993 * column 13, line 50 - column 14, line 3; figure 2 * * column 15, line 25 - line 36; figure 8 *	2,3	H01J17/49
Y	---	4	
A		1	
Y	PATENT ABSTRACTS OF JAPAN vol. 006, no. 264 (E-150), 23 December 1982 -& JP 57 162244 A (FUJITSU KK), 6 October 1982 * abstract *	4	
A	---	6	
	US 4 703 225 A (SOHN SANG H) 27 October 1987 * column 2, line 33 - line 61; figures 3,4 *		
A	---	2,4	
	UCHIIKE H: "AN 86-LPI HIGH-RESOLUTION FULL-COLOR SURFACE-DISCHARGE AC PLASMA DISPLAY PANELS" PROCEEDINGS OF THE SID, vol. 31, no. 4, 1 January 1990, pages 361-365, XP000207747 * figure 1; table 1 *		TECHNICAL FIELDS SEARCHED (Int.Cl.6) H01J G09G
X	---	8,11,13, 16	
Y	EP 0 680 067 A (MATSUSHITA) 2 November 1995 * column 47, line 50 - line 58 *	9,10,14, 15	
A	* column 53, line 55 - column 54, line 7 * * column 55, line 7 - line 44 * * column 56, line 3 - line 35; figures 27-32 *	12,17	
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The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>12 March 1999</b>	Examiner <b>O'Reilly, D</b>
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03 82 (P04C01)



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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Y	EP 0 549 275 A (FUJITSU LTD.) 30 June 1993 * abstract * * column 18, line 36 - column 37, line 16 * * column 28, line 38 - line 53; figures 18,32 *	9,10,14,15	
A	EP 0 657 861 A (FUJITSU LTD.) 14 June 1995 * column 22, line 42 - column 24, line 7; figure 11 *	8-17	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>12 March 1999</b>	Examiner <b>O'Reilly, D</b>
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

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**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

**LACK OF UNITY OF INVENTION**

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



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**LACK OF UNITY OF INVENTION  
SHEET B**

Application Number  
EP 96 12 0778

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1,8-12

Width row electrode 300 micrometer or more.

2. Claims: 2-7

Limited region for initialization-discharge.

3. Claims: 13-17

Waveform of first pre-discharge pulse.

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 96 12 0778

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

12-03-1999

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82